

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13	(coolant near accumulator) same vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 19:14
S1	3	vacuum near fuel near cell	US-PGPUB; USPAT	OR	OFF	2006/04/02 14:59
S2	1	("6635370").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/31 19:06
S3	13	("5170124"   "5529683"   "5648182"   "5991670"   "6127057"   "6242120"   "6309768"   "6376112"   "6395414"   "6413662"   "6461751"   "6514635"   "6562496").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 19:04
S4	1	"4839247".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 19:04
S5	0	S2 and vacuum	US-PGPUB; USPAT	OR	OFF	2006/03/31 19:06
S6	391	vacuum near anode	US-PGPUB; USPAT	OR	OFF	2006/03/31 19:12
S7	51	S6 and vacuum near cathode	US-PGPUB; USPAT	OR	OFF	2006/03/31 19:18
S8	747	429/12.ccls.	US-PGPUB; USPAT	OR	OFF	2006/03/31 19:18
S9	15	S8 and vacuum near pump	US-PGPUB; USPAT	OR	OFF	2006/03/31 19:19
S10	471	(fuel near cell) and vacuum near pump	US-PGPUB; USPAT	OR	OFF	2006/03/31 19:25
S11	1	S10 and vacuum near anode	US-PGPUB; USPAT	OR	OFF	2006/03/31 19:19
S12	1	vacuum near fuel near cell near system	US-PGPUB; USPAT	OR	OFF	2006/03/31 19:25
S13	3	vacuum near fuel near cell	US-PGPUB; USPAT	OR	OFF	2006/03/31 19:26
S14	26	david same condit.in.	US-PGPUB; USPAT	OR	OFF	2006/03/31 19:26
S15	91	richard same breault.in.	US-PGPUB; USPAT	OR	OFF	2006/03/31 19:27
S16	3	kulp same galen.in.	US-PGPUB; USPAT	OR	OFF	2006/03/31 19:27
S17	3	S16 and vacuum	US-PGPUB; USPAT	OR	OFF	2006/03/31 19:28

## EAST Search History

S18	12	("20040126628"   "3748180"   "5013617"   "5045414"   "6024848"   "6103410"   "6299996"   "6399231"   "6589312"   "6635370"   "6838199"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 19:30
S19	1	S18 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 19:32
S20	3	S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/31 19:33
S21	1078	vacuum same (fuel near cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/31 19:44
S22	143	vacuum near pump same (fuel near cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/31 19:33
S23	24	(vacuum near pump same anode) same (fuel near cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/31 19:35
S24	7	(vacuum near anode) same (fuel near cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/31 19:35
S25	322	starting near up same (fuel near cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/31 19:49
S26	27	S25 and vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/31 19:45

## EAST Search History

S27	6	minimizes near oxidation same (fuel near cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/31 19:49
S28	5	S27 and vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/31 19:53
S29	2	"6514635".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/31 19:54
S30	5	((("6514635") or ("5753383") or ("6093500") or ("6399231") or ("6519510")).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/31 20:10
S31	0	S30 and vacuum	US-PGPUB; USPAT	OR	OFF	2006/03/31 19:54
S32	1	"6835479".pn.	US-PGPUB; USPAT	OR	OFF	2006/03/31 20:07
S33	0	("6835479").URPN.	USPAT	OR	OFF	2006/03/31 20:10
S34	0	("(vacuumnear5anode)andfuelnearcell").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/31 20:11
S35	58	(vacuum near5 anode)and fuel near cell	US-PGPUB; USPAT	OR	OFF	2006/03/31 20:12
S36	66	(vacuum near5 anode)and fuel near cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/31 20:19
S37	7	(vacuum near pump near5 anode)and fuel near cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/31 20:13

## EAST Search History

S38	28	fuel near2 cell same vacuum near16 purg\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/31 20:20
S39	117	utc same fuel same cells.as.	US-PGPUB; USPAT	OR	OFF	2006/04/01 14:16
S40	311	utc same fuel same cells.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/01 14:01
S41	25	S40 and vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/01 14:01
S42	1	"6838199".pn.	US-PGPUB; USPAT	OR	OFF	2006/04/01 14:31
S43	1	"6399231".pn.	US-PGPUB; USPAT	OR	OFF	2006/04/01 14:32
S44	1	"6635370".pn.	US-PGPUB; USPAT	OR	OFF	2006/04/01 14:32
S45	13	("5170124"   "5529683"   "5648182"   "5991670"   "6127057"   "6242120"   "6309768"   "6376112"   "6395414"   "6413662"   "6461751"   "6514635"   "6562496").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 14:32
S46	13	("20020076583"   "4115627"   "4729930"   "4904547"   "4965143"   "5013617"   "5045414"   "5059494"   "5503944"   "5529683"   "5554453"   "6025083"   "6376112").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 14:36
S47	1	"6926981".pn.	US-PGPUB; USPAT	OR	OFF	2006/04/02 14:59
S48	1	S47 and vacuum	US-PGPUB; USPAT	OR	OFF	2006/04/02 15:02
S49	1	"20020076583".pn.	US-PGPUB; USPAT	OR	OFF	2006/04/02 16:19
S50	1	S47 and purg\$4	US-PGPUB; USPAT	OR	OFF	2006/04/02 15:57
S51	1901	429/13.ccls.	US-PGPUB; USPAT	OR	OFF	2006/04/02 15:57
S52	187	S51 and vacuum	US-PGPUB; USPAT	OR	OFF	2006/04/02 16:03

## EAST Search History

S53	16	S52 and pressure same kPa	US-PGPUB; USPAT	OR	OFF	2006/04/02 15:58
S54	58	S51 and vacuum same cathode	US-PGPUB; USPAT	OR	OFF	2006/04/02 16:05
S55	5	S51 and vacuum same cathode near flow near field	US-PGPUB; USPAT	OR	OFF	2006/04/02 16:03
S56	6	S51 and vacuum same cathode near5 field	US-PGPUB; USPAT	OR	OFF	2006/04/02 16:04
S57	21	S51 and vacuum near10 cathode	US-PGPUB; USPAT	OR	OFF	2006/04/02 16:11
S58	14	S51 and vacuum near pump near10 cathode	US-PGPUB; USPAT	OR	OFF	2006/04/02 16:12
S59	0	S49 and coolant near accumulator	US-PGPUB; USPAT	OR	OFF	2006/04/02 16:19
S60	1	S49 and coolant	US-PGPUB; USPAT	OR	OFF	2006/04/02 16:24
S61	0	S49 and coolant near accumulator	US-PGPUB; USPAT	OR	OFF	2006/04/02 16:24
S62	24	S51 and coolant near accumulator	US-PGPUB; USPAT	OR	OFF	2006/04/02 16:25
S63	11	S51 and coolant near accumulator and vacuum	US-PGPUB; USPAT	OR	OFF	2006/04/02 16:25
S64	3	S51 and coolant near accumulator and vacuum near pump	US-PGPUB; USPAT	OR	OFF	2006/04/02 16:47
S65	1	"6391485".pn.	US-PGPUB; USPAT	OR	OFF	2006/04/02 16:48
S66	1	S64 and oxidant near exhaust	US-PGPUB; USPAT	OR	OFF	2006/04/02 16:48
S67	1	S65 and oxidant near exhaust	US-PGPUB; USPAT	OR	OFF	2006/04/02 17:00
S68	1	S65 and purg\$4:	US-PGPUB; USPAT	OR	OFF	2006/04/02 17:17
S69	812	428/13.ccls.	US-PGPUB; USPAT	OR	OFF	2006/04/02 17:17
S70	0	S69 and absolute near pressure near10 kPa	US-PGPUB; USPAT	OR	OFF	2006/04/02 17:18
S71	0	S69 and pressure near10 kPa	US-PGPUB; USPAT	OR	OFF	2006/04/02 17:18
S72	0	S65 and absolute near pressure near10 kPa	US-PGPUB; USPAT	OR	OFF	2006/04/02 17:19
S73	8	S51 and absolute near pressure near10 kPa	US-PGPUB; USPAT	OR	OFF	2006/04/02 17:19
S74	6	S51 and absolute near pressure near10 kPa and vacuum	US-PGPUB; USPAT	OR	OFF	2006/04/02 17:20

## EAST Search History

S75	6	S51 and absolute near pressure near10 kPa and vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/02 17:21
S76	16	S51 and pressure near10 kPa and vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/02 17:21
S77	1860587	shut near down near "10" procedure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:55
S78	1944	shut near down near10 procedure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:55
S79	934	shut near down near procedure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:01
S80	8	S79 and fuel near cell same vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:56
S81	19	S79 and fuel near cell and vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:56
S82	15	(shut near down near procedure) same vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:02

## EAST Search History

S83	52	(shut near down) same vacuum and (fuel near cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:02
S84	52	S83 not "I15"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:02
S85	41	S83 not S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:03
S86	2040	(vacuum near pump) same (fuel or anode)	US-PGPUB; USPAT	OR	OFF	2006/10/19 17:03
S87	1040	(vacuum near pump) same (anode)	US-PGPUB; USPAT	OR	OFF	2006/10/19 17:03
S88	49	(vacuum near pump) same (anode) and (fuel near cell)	US-PGPUB; USPAT	OR	OFF	2006/10/19 17:03
S89	67	(vacuum near pump) same (anode) and (fuel near cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 17:06
S90	648	(vacuum) same (anode) and (fuel near cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 17:07
S91	12	(vacuum) same (anode near flow near field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 17:10
S92	15424	(vacuum) near10 (anode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 17:10

## EAST Search History

S93	5	(vacuum) near10 (anode) same kPa	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 19:14
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